II. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Canceled).

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Canceled).

7. (Canceled).

8. (Canceled).

9. (Canceled).

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10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Canceled).

18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Canceled).

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22. (Canceled).

23. (Canceled).

24. (Canceled).

25. (Canceled).

26. (Currently Amended) A method for accessing a legacy computer application over the an Internet, the method comprising:

converting the a proprietary screen definition to a converted user interface page in a pervasive computer Internet user agent format, the converting step further comprising:

parsing [[a]] the proprietary screen definition associated with the legacy computer application, wherein the proprietary screen definition is stored separately from the legacy computer application;

mechanically mapping user interface elements of the proprietary screen definition to an extensible mark-up language (XML) based language that supports user interface elements;

customizing the converted user interface page using a customize template that identifies user interface design patterns that reflect a presentation style of a user; and

validating input fields of the converted user interface page;

providing access to the legacy computer application responsive to a request from a client

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that is separate from a computer on which the legacy computer application resides, the client and the computer being connected by a server, the providing step further comprising:

redirecting a raw output of the legacy computer application to a network publishing component;

reformatting the raw output for publishing, wherein the reformatted raw output is stored in JavaBean data objects that are populated by a servlet which has received data to publish;

updating dynamically the converted user interface pages using the reformatted raw output;

sending the updated converted user interface pages to the client; and

reformatting input data from the client using the network publishing component to a format of the legacy computer application; and

making the reformatted raw output in the JavaBean data objects available for access, use and manipulation by another network based application;

wherein the legacy computer application is not restructured and no code changes are made to programs of the legacy computer application,

wherein the legacy computer application is non-modular,

wherein the legacy computer application seamlessly interweaves with the network based application, and

wherein a state of the legacy computer application is automatically preserved in a native environment after a transaction on the Internet is completed and a connection to the Internet is broken.

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